

## CAREER TECHNICAL PROGRAMS OF STUDY

### **Agriculture, Food & Natural Resources**

The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources. Mining and mineral extraction are included in the Agriculture, Food and Natural Resources cluster. The specific pathways are:

- *Food Products and Processing Systems*
- *Plant Systems*
- *Animal Systems*
- *Power, Structural & Technical Systems*
- *Natural Resource Systems*
- *Environmental Service Systems*
- *Agribusiness Systems*

### **Architecture & Construction**

Careers in designing, planning, managing, building and maintaining the built environment. The specific pathways are:

- *Design and Pre-Construction*
- *Construction*
- *Maintenance and Operations*

### **Business Management & Administration**

Encompasses planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. The specific pathways are:

- *Management*
- *Business Financial Management and Accounting*
- *Human Resources*
- *Business Analysis*
- *Marketing and Communications*
- *Administrative and Information Support*

### **Health Science**

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. The specific pathways are:

- *Therapeutic Services*
- *Diagnostics Services*
- *Health Informatics*
- *Support Services*
- *Biotechnology Research and Development*

### **Hospitality & Tourism**

Encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services. The specific pathways are:

- *Restaurants and Food/Beverage Services*
- *Lodging*
- *Travel & Tourism*
- *Recreation, Amusements & Attractions*

### **Human Services**

Preparing individuals for employment in career pathways that relate to families and human needs. The specific pathways are:

- *Early Childhood Development & Services*
- *Counseling & Mental Health Services*
- *Family & Community Services*
- *Personal Care Services*
- *Consumer Services*

### **Information Technology**

Building linkages in IT occupations framework: for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services. The specific pathways are:

- *Network Systems*
- *Information Support and Services*
- *Interactive Media*
- *Programming and Software Development*

### **Manufacturing**

Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering. The specific pathways are:

- *Production*
- *Manufacturing Production Process Development*
- *Maintenance, Installation & Repair*
- *Quality Assurance*
- *Logistics & Inventory Control*
- *Health, Safety and Environmental Assurance*

### **Marketing, Sales & Service**

Planning, managing, and performing marketing activities to reach organizational objectives. The specific pathways are:

- *Management and Entrepreneurship*
- *Professional Sales and Marketing*
- *Buying and Merchandising*
- *Marketing Communications and Promotion*
- *Marketing Information Management and Research*
- *Distribution and Logistics*
- *E-Marketing*

### **Transportation, Distribution & Logistics**

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance. The specific pathways are:

- *Transportation Operations*
- *Logistics, Planning and Management Services*
- *Warehousing and Distribution Center Operations*
- *Facility and Mobile Equipment Maintenance*
- *Transportation Systems, Infrastructure, Planning, Management and Regulation*
- *Health, Safety and Environmental Management*
- *Sales and Service*

### **Arts, AV Technology and Communications**

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. The specific pathways are:

- *Audio and Video Technologies*
- *Printing Technologies*
- *Visual Arts*
- *Performing Arts*
- *Journalism and Broadcasting*
- *Telecommunications Technologies*

### **Government and Public Administration**

Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels. The specific pathways are:

- *Governance*
- *National Security*
- *Foreign Service*
- *Planning*
- *Revenue and Taxation*
- *Regulation*
- *Public Management and Administration*

### **Law, Public Safety and Security**

Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services. The specific pathways are:

- *Correction Services*
- *Emergency and Fire Management Services*
- *Security & Protective Services*
- *Law Enforcement Services*
- *Legal Services*

### **Education and Training**

Planning, managing and providing education and training services, and related learning support services. The specific pathways are:

- *Administration and Administrative Support*
- *Professional Support Services*

### **Science, Technology, Engineering and Mathematics**

Planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services. The specific pathways are:

- *Engineering and Technology*
- *Science and Math*

### **Finance**

Planning, services for financial and investment planning, banking, insurance, and business financial management. The specific pathways are:

- *Financial & Investment Planning*
- *Business Financial Management*
- *Banking & Related Services*
- *Insurance Services*



## Agriculture, Food & Natural Resources- Program of Study

| Name _____   | Date _____          |                       |  |                       |   |  |  |   |                     |  |  |             |  |   |  |  |   |  |  |  |  |  |  |  |  |
|--|---------------------|-----------------------|--|-----------------------|---|--|--|---|---------------------|--|--|-------------|--|---|--|--|---|--|--|--|--|--|--|--|--|
| <p>The Agriculture, Food and Natural Resources Career Cluster has seven pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.</p>  |                     |                       |  |                       |   |  |  |   |                     |  |  |             |  |   |  |  |   |  |  |  |  |  |  |  |  |
| <table border="1"> <thead> <tr> <th colspan="2">Pathways</th> <th>Postsecondary Options</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Animal Systems</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> Agribusiness Systems</td> <td>On-the-job Training</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Environmental Service Systems</td> <td>Certificate</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Food Products &amp; Processing Systems</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> Natural Resource Systems</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> Plant Systems</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> Power, Structural &amp; Technical Systems</td> <td></td> <td></td> </tr> </tbody> </table> |                     | Pathways              |  | Postsecondary Options | <input type="checkbox"/> Animal Systems |  |  | <input type="checkbox"/> Agribusiness Systems | On-the-job Training |  | <input type="checkbox"/> Environmental Service Systems | Certificate |  | <input type="checkbox"/> Food Products & Processing Systems |  |  | <input type="checkbox"/> Natural Resource Systems |  |  | <input type="checkbox"/> Plant Systems |  |  | <input type="checkbox"/> Power, Structural & Technical Systems |  |  |
| Pathways   |                     | Postsecondary Options |  |                       |   |  |  |   |                     |  |  |             |  |   |  |  |   |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> Animal Systems  |                     |                       |  |                       |   |  |  |   |                     |  |  |             |  |   |  |  |   |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> Agribusiness Systems  | On-the-job Training |                       |  |                       |   |  |  |   |                     |  |  |             |  |   |  |  |   |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> Environmental Service Systems   | Certificate         |                       |  |                       |   |  |  |   |                     |  |  |             |  |   |  |  |   |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> Food Products & Processing Systems  |                     |                       |  |                       |   |  |  |   |                     |  |  |             |  |   |  |  |   |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> Natural Resource Systems  |                     |                       |  |                       |   |  |  |   |                     |  |  |             |  |   |  |  |   |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> Plant Systems   |                     |                       |  |                       |   |  |  |   |                     |  |  |             |  |   |  |  |   |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> Power, Structural & Technical Systems   |                     |                       |  |                       |   |  |  |   |                     |  |  |             |  |   |  |  |   |  |  |  |  |  |  |  |  |

| Coursework                                  |   |  |   |  |  | Advanced Coursework for Postsecondary credit   |
|---|---|--|---|--|--|--|
| Subject                                     | 7th-8th Grade   |  | 9th-10th Grade  |  | 11-12th Grade  |  |
| <b>English</b>                              | <input type="checkbox"/> English  |  | <input type="checkbox"/> English I<br><input type="checkbox"/> English II   |  | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>Math</b>                                 | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I   |  | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II  |  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>Science</b>                              | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  |  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I  |  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>Social Studies</b>                       | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History   |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>Career Education Courses</b>             | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration  |  | <input type="checkbox"/> Introduction to Ag<br><input type="checkbox"/> Animal Science<br><input type="checkbox"/> Plant & Soil Science<br><input type="checkbox"/> Landscaping<br><input type="checkbox"/> Horticulture<br><input type="checkbox"/> Small Animal Care<br><input type="checkbox"/> Crop Production<br><input type="checkbox"/> Agriculture I<br><input type="checkbox"/> Agriculture II |  | <input type="checkbox"/> Agriculture II<br><input type="checkbox"/> Agriculture IV<br><input type="checkbox"/> Ag Mechanics<br><input type="checkbox"/> Ag Welding<br><input type="checkbox"/> Ag Business Management<br><input type="checkbox"/> Food Science<br><input type="checkbox"/> Horticulture<br><input type="checkbox"/> Wildlife Management<br><input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Ag Marketing<br><input type="checkbox"/> Ag Sales & Service<br><input type="checkbox"/> Animal Products<br><input type="checkbox"/> Animal Science<br><input type="checkbox"/> Basic Horticulture<br><input type="checkbox"/> Farm Accounting<br><input type="checkbox"/> Farm Management<br><input type="checkbox"/> Insect Biology<br><input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry |
| <b>Additional Requirements or Electives</b> | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications |  |   |  |  |  |
| <b>Extended Learning</b>                    | <input type="checkbox"/> FFA<br><input type="checkbox"/> Cooperative Education<br><input type="checkbox"/> Service Learning<br><input type="checkbox"/> 4-H                             |  | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Internships<br><input type="checkbox"/> Mentorship  |  | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research<br><input type="checkbox"/> Part-time Employment  | <input type="checkbox"/> Senior Year Project<br><input type="checkbox"/> Supervised Ag Experience<br><input type="checkbox"/> Volunteering   |
| <b>Community Based</b>                      |   |  |   |  |  |  |

Draft Copy – Wyoming Department of Education





# Architecture and Construction - Program of Study

| Name _____  | Date _____  |                       |  |                                       |                                    |   |   |   |  |
|---|---|-----------------------|--|---------------------------------------|------------------------------------|---|---|---|--|
| <p><b>The Architecture and Construction Career Cluster has three pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Postsecondary Options</th> </tr> <tr> <td style="width: 15%;"><input type="checkbox"/> Construction</td> <td>On-the-Job Training<br/>Certificate</td> </tr> <tr> <td><input type="checkbox"/> Design &amp; Preconstruction</td> <td>Associate Degree<br/>Bachelors Degree<br/>Advanced Degree<br/>Military</td> </tr> <tr> <td><input type="checkbox"/> Maintenance &amp; Operations</td> <td></td> </tr> </table> |   | Postsecondary Options |  | <input type="checkbox"/> Construction | On-the-Job Training<br>Certificate | <input type="checkbox"/> Design & Preconstruction | Associate Degree<br>Bachelors Degree<br>Advanced Degree<br>Military | <input type="checkbox"/> Maintenance & Operations |  |
| Postsecondary Options   |   |                       |  |                                       |                                    |   |   |   |  |
| <input type="checkbox"/> Construction   | On-the-Job Training<br>Certificate                                  |                       |  |                                       |                                    |   |   |   |  |
| <input type="checkbox"/> Design & Preconstruction   | Associate Degree<br>Bachelors Degree<br>Advanced Degree<br>Military |                       |  |                                       |                                    |   |   |   |  |
| <input type="checkbox"/> Maintenance & Operations   |   |                       |  |                                       |                                    |   |   |   |  |

| Coursework                                  |  | 7th-8th Grade   | 9th-10th Grade  | 11-12th Grade   | Advanced Coursework for Postsecondary credit   |
|---|--|---|---|---|--|
| <b>Subject</b>                              |  | <input type="checkbox"/> English<br><input type="checkbox"/> English I<br><input type="checkbox"/> English II   | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV   |   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>English</b>                              |  |   |   |   |  |
| <b>Math</b>                                 |  | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I   | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>Science</b>                              |  | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>Social Studies</b>                       |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History   | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>Career Education Courses</b>             |  | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration  | <input type="checkbox"/> Architecture<br><input type="checkbox"/> AutoCAD<br><input type="checkbox"/> Automotive Mechanics<br><input type="checkbox"/> Cabinetmaking<br><input type="checkbox"/> Computer Applications & Programming<br><input type="checkbox"/> Construction | <input type="checkbox"/> Electronics<br><input type="checkbox"/> Industrial Technology<br><input type="checkbox"/> Manufacturing<br><input type="checkbox"/> Technical Drafting<br><input type="checkbox"/> Welding<br><input type="checkbox"/> Carpentry Tools & Machines<br><input type="checkbox"/> Construction Technology<br><input type="checkbox"/> Drafting I | <input type="checkbox"/> Advanced Drafting<br><input type="checkbox"/> Auto CAD/Auto CAD II<br><input type="checkbox"/> Architectural Drafting<br><input type="checkbox"/> Building Construction<br><input type="checkbox"/> Carpentry Tools & Machines<br><input type="checkbox"/> Construction Technology<br><input type="checkbox"/> Drafting I |
| <b>Additional Requirements or Electives</b> |  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>Extended Learning</b>                    |  |   |   |   |  |
| <b>School Based</b>                         |  | <input type="checkbox"/> FFA<br><input type="checkbox"/> Cooperative Education<br><input type="checkbox"/> Service Learning   | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships   | <input type="checkbox"/> Senior Year Project<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research  | <input type="checkbox"/> Senior Year Project<br><input type="checkbox"/> DECA<br><input type="checkbox"/> Science Club   |
| <b>Community Based</b>                      |  | <input type="checkbox"/> Volunteering   | <input type="checkbox"/> Mentorship   | <input type="checkbox"/> Part-time Employment   |  |

Draft Copy – Wyoming Department of Education



*Make College A Reality*



## Arts, AV Technology & Communications - Program of Study

|            |
|------------|
| Name _____ |
| Date _____ |

The Arts, AV Technology and Communications Career Cluster has six pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.

| Coursework                                  |  | 7th-8th Grade   |  | 9th-10th Grade   |  | 11-12th Grade  |  | Advanced Coursework for Postsecondary credit   |  |
|---|--|---|--|--|--|--|--|--|--|
| <b>Subject</b>                              |  | <input type="checkbox"/> English  |  | <input type="checkbox"/> English I<br><input type="checkbox"/> English II  |  | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |  |
| <b>English</b>                              |  |   |  |  |  |  |  |  |  |
| <b>Math</b>                                 |  | <input type="checkbox"/> Math   |  | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II   |  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus   |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |  |
| <b>Science</b>                              |  | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  |  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I   |  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |  |
| <b>Social Studies</b>                       |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History  |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology   |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |  |
| <b>Career Education Courses</b>             |  | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration  |  | <input type="checkbox"/> Introduction to Communications & Information Systems<br><input type="checkbox"/> Advertising<br><input type="checkbox"/> Art<br><input type="checkbox"/> Clothing & Textiles<br><input type="checkbox"/> Commercial Photography |  | <input type="checkbox"/> Computer Aided Design<br><input type="checkbox"/> Computer Applications<br><input type="checkbox"/> Electronics<br><input type="checkbox"/> Graphic Arts<br><input type="checkbox"/> Journalism<br><input type="checkbox"/> Music<br><input type="checkbox"/> Theater |  | <input type="checkbox"/> Advanced Art<br><input type="checkbox"/> Advanced Computer<br><input type="checkbox"/> Art I, II, III, IV<br><input type="checkbox"/> Computer Graphics I<br><input type="checkbox"/> Desktop Publishing<br><input type="checkbox"/> Electronics I, II, III<br><input type="checkbox"/> Multimedia Introduction |  |
| <b>Additional Requirements or Electives</b> |  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications |  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  |  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |  |
| <b>Extended Learning</b>                    |  |   |  |  |  |  |  |  |  |
| <b>School Based</b>                         |  | <input type="checkbox"/> Career Days<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Service Learning Project   |  | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Debate<br><input type="checkbox"/> Speech Team  |  | <input type="checkbox"/> Career Research<br><input type="checkbox"/> Drama/Plays<br><input type="checkbox"/> Skills USA  |  | <input type="checkbox"/> Cooperative Education<br><input type="checkbox"/> Senior Year Project<br><input type="checkbox"/> Internships   |  |
| <b>Community Based</b>                      |  | <input type="checkbox"/> Mentorship   |  | <input type="checkbox"/> Part-time Employment  |  | <input type="checkbox"/> Volunteering  |  |  |  |

Draft Copy – Wyoming Department of Education



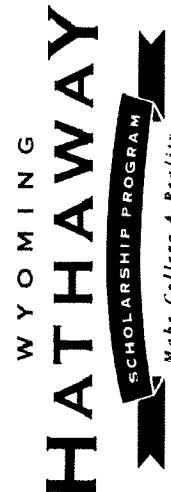


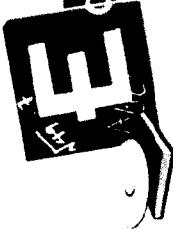
# Business, Management & Administration - Program of Study

| Name _____  | Date _____   |          |                       |  |  |
|---|--|----------|-----------------------|--|--|
| <p>The Business Management &amp; Administration Career Cluster has six pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: black; color: white;">Pathways</th> <th style="background-color: black; color: white;">Postsecondary Options</th> </tr> </thead> <tbody> <tr> <td> <input type="checkbox"/> Administrative &amp; Information Support<br/> <input type="checkbox"/> Business Analysis<br/> <input type="checkbox"/> Financial Management &amp; Accounting<br/> <input type="checkbox"/> Human Resources<br/> <input type="checkbox"/> Management<br/> <input type="checkbox"/> Marketing         </td><td>           On-the-job Training<br/>           Certificate<br/>           Associate Degree<br/>           Bachelor's Degree<br/>           Advanced Degree<br/>           Military         </td></tr> </tbody> </table> |  | Pathways | Postsecondary Options | <input type="checkbox"/> Administrative & Information Support<br><input type="checkbox"/> Business Analysis<br><input type="checkbox"/> Financial Management & Accounting<br><input type="checkbox"/> Human Resources<br><input type="checkbox"/> Management<br><input type="checkbox"/> Marketing | On-the-job Training<br>Certificate<br>Associate Degree<br>Bachelor's Degree<br>Advanced Degree<br>Military |
| Pathways  | Postsecondary Options  |          |                       |  |  |
| <input type="checkbox"/> Administrative & Information Support<br><input type="checkbox"/> Business Analysis<br><input type="checkbox"/> Financial Management & Accounting<br><input type="checkbox"/> Human Resources<br><input type="checkbox"/> Management<br><input type="checkbox"/> Marketing  | On-the-job Training<br>Certificate<br>Associate Degree<br>Bachelor's Degree<br>Advanced Degree<br>Military |          |                       |  |  |

| Coursework                           |   | 7th-8th Grade  | 9th-10th Grade   | 11-12th Grade   | Advanced Coursework for Postsecondary credit  |
|--------------------------------------|---|--|--|---|---|
| Subject                              |   |  |  |   |   |
| English                              | <input type="checkbox"/> English  | <input type="checkbox"/> English I<br><input type="checkbox"/> English II  | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  | <input type="checkbox"/> English Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |
| Math                                 | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I   | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II   | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus   | <input type="checkbox"/> Algebra Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |
| Science                              | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I   | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  | <input type="checkbox"/> Chemistry Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |
| Social Studies                       | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History  | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems  | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology        | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |
| Career Education Courses             | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Input Technologies/Keyboarding<br><input type="checkbox"/> Other Career Exploration                     | <input type="checkbox"/> Introduction to Business, Marketing & Management<br><input type="checkbox"/> Accounting<br><input type="checkbox"/> Advanced Accounting<br><input type="checkbox"/> Advanced Computer Applications<br><input type="checkbox"/> Business Law | <input type="checkbox"/> Economics/Personal Finance<br><input type="checkbox"/> Entrepreneurship/Management<br><input type="checkbox"/> International Business<br><input type="checkbox"/> Internship/Co-op<br><input type="checkbox"/> Intro to Economics | <input type="checkbox"/> Accounting I, II<br><input type="checkbox"/> Business Systems<br><input type="checkbox"/> Computer Applications I, II<br><input type="checkbox"/> Marketing<br><input type="checkbox"/> Personal Finance | <input type="checkbox"/> Accounting Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry |
| Additional Requirements or Electives | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |
| Extended Learning                    |   |  |  |   |   |
| School Based                         | <input type="checkbox"/> Career Days<br><input type="checkbox"/> FBI A<br><input type="checkbox"/> School Yearbook  | <input type="checkbox"/> Speech/Debate Team<br><input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Internships  | <input type="checkbox"/> Speech/Debate Team<br><input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Internships  | <input type="checkbox"/> DECA<br><input type="checkbox"/> Cooperative Education<br><input type="checkbox"/> Student Council   | <input type="checkbox"/> DECA<br><input type="checkbox"/> Cooperative Education<br><input type="checkbox"/> Student Council         |
| Community Based                      | <input type="checkbox"/> Boys/Girl Scouts<br><input type="checkbox"/> Participate in Chamber of Commerce  | <input type="checkbox"/> Junior Achievement<br><input type="checkbox"/> Mentorship   | <input type="checkbox"/> Part-time Employment<br><input type="checkbox"/> Youth Leadership Program   | <input type="checkbox"/> Volunteering<br><input type="checkbox"/> Organize a Fundraising Event  | <input type="checkbox"/> Volunteering<br><input type="checkbox"/> Organize a Fundraising Event                                      |

Draft Copy – Wyoming Department of Education





## Education and Training - Program of Study

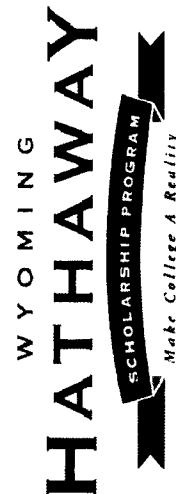
|            |
|------------|
| Name _____ |
| Date _____ |

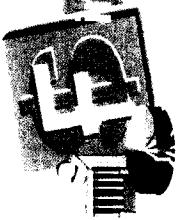
The Education and Training Career Cluster has three pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.

| Pathways   |   | Postsecondary Options  |
|--|---|--|
| <input type="checkbox"/> Administration & Administrative Support | On-the-job Training Certificate                                     |  |
| <input type="checkbox"/> Professional Support Services           | Associate Degree<br>Bachelors Degree<br>Advanced Degree<br>Military | <ul style="list-style-type: none"> <li><input type="checkbox"/> Career Cluster Exploration</li> <li><input type="checkbox"/> Other Career Exploration</li> <li><input type="checkbox"/> Human Development</li> <li><input type="checkbox"/> Interpersonal Relationships</li> </ul> |
| <input type="checkbox"/> Teaching/Training                       |   |  |

| Coursework                           |  | 7th-8th Grade   | 9th-10th Grade  | 11-12th Grade  | Advanced Coursework for Postsecondary credit   |
|--------------------------------------|--|---|---|--|--|
| Subject                              |  | <input type="checkbox"/> English<br><input type="checkbox"/> English I<br><input type="checkbox"/> English II   | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV   |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry              |
| English                              |  |   |   |  |  |
| Math                                 |  | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I   | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II            | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry              |
| Science                              |  | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry              |
| Social Studies                       |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry              |
| Career Education Courses             |  |   |   |  |  |
| Additional Requirements or Electives |  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications |   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications                                    | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry              |
| Extended Learning                    |  |   |   |  |  |
| School Based                         |  | <input type="checkbox"/> Athletics<br><input type="checkbox"/> FCCLA<br><input type="checkbox"/> Senior Year Project  | <input type="checkbox"/> Future Teachers<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships  | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research   | <input type="checkbox"/> Service Learning Project<br><input type="checkbox"/> Cooperative Education<br><input type="checkbox"/> Peer Mediation |
| Community Based                      |  | <input type="checkbox"/> 4-H<br><input type="checkbox"/> Boy/Girl Scouts  | <input type="checkbox"/> Mentorship<br><input type="checkbox"/> Coaching Little League Sports                             | <input type="checkbox"/> Part-time Employment<br><input type="checkbox"/> Junior Achievement   | <input type="checkbox"/> Volunteering<br><input type="checkbox"/> Provide Child Care   |

Draft Copy – Wyoming Department of Education





## Finance - Program of Study

| Name _____  | Date _____                      |
|---|---------------------------------|
| The Finance Career Cluster has four pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway. |                                 |
| <input type="checkbox"/> Banking & Related Services   | Postsecondary Options           |
| <input type="checkbox"/> Business Financial Management  | On-the-job Training Certificate |
| <input type="checkbox"/> Financial & Investment Planning  | Associate Degree                |
| <input type="checkbox"/> Insurance Services   | Bachelors Degree                |
|   | Advanced Degree                 |
|   | Military                        |

| Coursework                           |   | 7th-8th Grade  | 9th-10th Grade   | 11-12th Grade   | Advanced Coursework for Postsecondary credit  |
|--------------------------------------|---|--|--|---|---|
| English                              | <input type="checkbox"/> English  | <input type="checkbox"/> English I<br><input type="checkbox"/> English II  | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |
| Math                                 | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I   | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II   | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus   | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |
| Science                              | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I   | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |
| Social Studies                       | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History  | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History  | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology                            | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |
| Career Education Courses             | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration  | <input type="checkbox"/> Introduction Business, Marketing & Management<br><input type="checkbox"/> Accounting<br><input type="checkbox"/> Advanced Accounting<br><input type="checkbox"/> Banking & Finance<br><input type="checkbox"/> Business Law<br><input type="checkbox"/> Computerized Accounting | <input type="checkbox"/> Introduction Business, Marketing & Management<br><input type="checkbox"/> Accounting<br><input type="checkbox"/> Advanced Accounting<br><input type="checkbox"/> Banking & Finance<br><input type="checkbox"/> Business Law<br><input type="checkbox"/> Computerized Accounting | <input type="checkbox"/> Economics<br><input type="checkbox"/> Internship Co-op<br><input type="checkbox"/> International Business<br><input type="checkbox"/> Management<br><input type="checkbox"/> Marketing                                       | <input type="checkbox"/> Accounting I, II<br><input type="checkbox"/> Computer Applications I, II<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Personal Finance<br><input type="checkbox"/> Statistics |
| Additional Requirements or Electives | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |
| <b>Extended Learning</b>             |   | <input type="checkbox"/> Campaign for an Office<br><input type="checkbox"/> Concession Management<br><input type="checkbox"/> Fundraising Participation<br><input type="checkbox"/> FBLA   | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships<br><input type="checkbox"/> DECA<br><input type="checkbox"/> Mentorship  | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research<br><input type="checkbox"/> DECA<br><input type="checkbox"/> Mentorship<br><input type="checkbox"/> Start a Business | <input type="checkbox"/> Senior Year Project<br><input type="checkbox"/> Supervised Ag Experience<br><input type="checkbox"/> Competitive Business Events<br><input type="checkbox"/> Volunteering                          |
| Community Based                      | <input type="checkbox"/> Student Representative on School Board, City Council or Chamber of Commerce  |  |  | <input type="checkbox"/> Part-time Employment   |   |

Draft Copy – Wyoming Department of Education





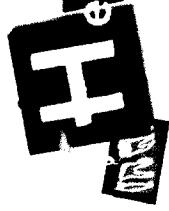
## Government & Public Administration - Program of Study

|            |
|------------|
| Name _____ |
| Date _____ |

| Coursework                                  |  | 7th-8th Grade                                     |   | 9th-10th Grade  |  | 11-12th Grade                                  |  | Advanced Coursework for Postsecondary credit                  |   |
|---|--|---|---|---|--|--|--|---|---|
| <b>English</b>                              | <input type="checkbox"/> English   | <input type="checkbox"/> English I                | <input type="checkbox"/> English II                                 | <input type="checkbox"/> English III                                | <input type="checkbox"/> English IV            | <input type="checkbox"/> English I             | <input type="checkbox"/> English II            | <input type="checkbox"/> Academic Transfer                    | <input type="checkbox"/> Advanced Placement |
| <b>Math</b>                                 | <input type="checkbox"/> Math  | <input type="checkbox"/> Geometry                 | <input type="checkbox"/> Algebra I                                  | <input type="checkbox"/> Algebra II                                 | <input type="checkbox"/> Trigonometry          | <input type="checkbox"/> Algebra II            | <input type="checkbox"/> Pre-Calculus          | <input type="checkbox"/> Academic Transfer                    | <input type="checkbox"/> Early Entry        |
|   | <input type="checkbox"/> Pre Algebra   | <input type="checkbox"/> Algebra I                | <input type="checkbox"/> Algebra II                                 | <input type="checkbox"/> Calculus                                   | <input type="checkbox"/> Calculus              | <input type="checkbox"/> Chemistry I           | <input type="checkbox"/> Physics               | <input type="checkbox"/> Advanced Placement                   | <input type="checkbox"/> Early Entry        |
| <b>Science</b>                              | <input type="checkbox"/> Earth Science   | <input type="checkbox"/> Biology                  | <input type="checkbox"/> Chemistry I                                | <input type="checkbox"/> Chemistry I                                | <input type="checkbox"/> Physics               | <input type="checkbox"/> Anatomy/Physiology    | <input type="checkbox"/> Chemistry I           | <input type="checkbox"/> Academic Transfer                    | <input type="checkbox"/> Early Entry        |
| <b>Social Studies</b>                       | <input type="checkbox"/> American History  | <input type="checkbox"/> Geography                | <input type="checkbox"/> World History                              | <input type="checkbox"/> American History                           | <input type="checkbox"/> Geography             | <input type="checkbox"/> World History         | <input type="checkbox"/> Economics             | <input type="checkbox"/> Academic Transfer                    | <input type="checkbox"/> Advanced Placement |
| <b>Career Education Courses</b>             | <input type="checkbox"/> Career Cluster Exploration  | <input type="checkbox"/> Other Career Exploration | <input type="checkbox"/> Introduction to Human Services & Resources | <input type="checkbox"/> Introduction to Human Services & Resources | <input type="checkbox"/> Business Law          | <input type="checkbox"/> Business Law          | <input type="checkbox"/> Government/Civics     | <input type="checkbox"/> Academic Transfer                    | <input type="checkbox"/> Early Entry        |
|   |  |   | <input type="checkbox"/> Modern Problems                            | <input type="checkbox"/> Psychology/Sociology                       |  |  | <input type="checkbox"/> Modern Problems       | <input type="checkbox"/> Leadership Enhancement & Development |   |
| <b>Additional Requirements or Electives</b> | <input type="checkbox"/> Art/Music/Theatre   | <input type="checkbox"/> Art/Music/Theatre        | <input type="checkbox"/> PE/Health/Wellness                         | <input type="checkbox"/> PE/Health/Wellness                         | <input type="checkbox"/> World Languages       | <input type="checkbox"/> World Languages       | <input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Academic Transfer                    | <input type="checkbox"/> Advanced Placement |
|   | <input type="checkbox"/> PE/Health/Wellness  | <input type="checkbox"/> PE/Health/Wellness       | <input type="checkbox"/> Speech/Communications                      | <input type="checkbox"/> Speech/Communications                      | <input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Early Entry                          |   |
| <b>Extended Learning</b>                    |  |   |   |   |  |  |  |   |   |
| <b>School Based</b>                         | <input type="checkbox"/> Mock Trial  | <input type="checkbox"/> Skills USA               | <input type="checkbox"/> Career Interviews                          | <input type="checkbox"/> Senior Year Project                        | <input type="checkbox"/> Cooperative Education | <input type="checkbox"/> Job Shadowing         | <input type="checkbox"/> ROTC                  | <input type="checkbox"/> Internships                          | <input type="checkbox"/> Speech/Debate Team |
|   | <input type="checkbox"/> Service Learning  | <input type="checkbox"/> Internships              | <input type="checkbox"/> Career Research                            | <input type="checkbox"/> Student Council                            | <input type="checkbox"/> Mentorship            | <input type="checkbox"/> Part-time Employment  | <input type="checkbox"/> Volunteering          |   |   |
| <b>Community Based</b>                      | <input type="checkbox"/> Student Representative on School Board, City Council or Chamber of Commerce | <input type="checkbox"/> Mentorship               | <input type="checkbox"/> Part-time Employment                       | <input type="checkbox"/> Volunteering                               |  |  |  |   |   |

**W Y O M I N G**  
**H A T H A W A Y**  
 SCHOLARSHIP PROGRAM  
*Make College A Reality*

Draft Copy – Wyoming Department of Education



## Health Science - Program of Study

|            |
|------------|
| Name _____ |
| Date _____ |

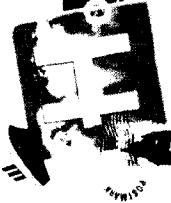
The Health Science Career Cluster has five pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.

| Pathways Postsecondary Options                                |                             |
|---|-----------------------------|
| <input type="checkbox"/> Therapeutic Services                 | On-the-job Training         |
| <input type="checkbox"/> Diagnostic Services                  | Certificate                 |
| <input type="checkbox"/> Health Informatics                   | Associate Degree            |
| <input type="checkbox"/> Support Services                     | Bachelors Degree            |
| <input type="checkbox"/> Biotechnology Research & Development | Advanced Degree<br>Military |

| Coursework                                   |   | 7th-8th Grade  | 9th-Tech Grade   | 11-12th Grade  | Advanced Courses for Postsecondary Credit  |
|--|---|--|--|--|--|
| <b>English</b>                               | <input type="checkbox"/> English  | <input type="checkbox"/> English I<br><input type="checkbox"/> English II  | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  |
| <b>Math</b>                                  | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I   | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II   | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus   | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  |
| <b>Science</b>                               | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I   | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  |
| <b>Social Studies</b>                        | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History  | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology   | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  |
| <b>Career Education Courses</b>              | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration  | <input type="checkbox"/> Introduction to Health Sciences/Sports Medicine<br><input type="checkbox"/> Athletic Training/Sports Injury<br><input type="checkbox"/> Biotechnology Engineering<br><input type="checkbox"/> Business Law & Ethics<br><input type="checkbox"/> Child/Human Development<br><input type="checkbox"/> Computer Applications | <input type="checkbox"/> Consumer Economics<br><input type="checkbox"/> Family Health<br><input type="checkbox"/> Food Science/Nutrition<br><input type="checkbox"/> Introduction to Dental Human Relations<br><input type="checkbox"/> Sport Nutrition<br><input type="checkbox"/> Technology | <input type="checkbox"/> Child Development<br><input type="checkbox"/> Clinical Nutrition<br><input type="checkbox"/> Fundamentals of Health Careers<br><input type="checkbox"/> Medical Terminology | <input type="checkbox"/> Child Development<br><input type="checkbox"/> Clinical Nutrition<br><input type="checkbox"/> Fundamentals of Health Careers<br><input type="checkbox"/> Medical Terminology |
| <b>Additional Requirements for Education</b> | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  |
| <b>Extended Learning</b>                     |   |  |  |  |  |
| <b>School Based</b>                          | <input type="checkbox"/> Athletics<br><input type="checkbox"/> FCCLA<br><input type="checkbox"/> HOSA   | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships  | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research   | <input type="checkbox"/> Senior Year Project<br><input type="checkbox"/> Cooperative Education<br><input type="checkbox"/> Science/Wellness Club   | <input type="checkbox"/> Senior Year Project<br><input type="checkbox"/> Cooperative Education<br><input type="checkbox"/> Science/Wellness Club   |
| <b>Community Based</b>                       | <input type="checkbox"/> Job Shadowing  | <input type="checkbox"/> Mentorship  | <input type="checkbox"/> Part-time Employment  | <input type="checkbox"/> Volunteering  |  |

Draft Copy – Wyoming Department of Education





## Hospitality and Tourism - Program of Study

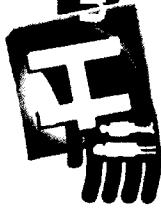
Name \_\_\_\_\_  
 Date \_\_\_\_\_

The Hospitality and Tourism Career Cluster has four pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.

| Coursework                           |  | 7th-8th Grade  |  | 9th-10th Grade   |  | 11-12th Grade  |  | Advanced Coursework for Postsecondary credit  |  |
|--------------------------------------|--|--|--|--|--|--|--|---|--|
| Subject                              |  | <input type="checkbox"/> English   |  | <input type="checkbox"/> English I<br><input type="checkbox"/> English II  |  | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |  |
| English                              |  |  |  |  |  |  |  |   |  |
| Math                                 |  | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I  |  | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II   |  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus   |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |  |
| Science                              |  | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology   |  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I   |  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |  |
| Social Studies                       |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography  |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History  |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |  |
| Career Education Courses             |  | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration   |  | <input type="checkbox"/> Introduction to Business, Marketing & Management<br><input type="checkbox"/> Accounting<br><input type="checkbox"/> Advanced Computer App<br><input type="checkbox"/> Culinary Arts<br><input type="checkbox"/> Food & Nutrition<br><input type="checkbox"/> Internship/Co-op |  | <input type="checkbox"/> Intro To Economics<br><input type="checkbox"/> Intro to Hospitality & Tourism<br><input type="checkbox"/> Management<br><input type="checkbox"/> Marketing  |  | <input type="checkbox"/> Computer Applications<br><input type="checkbox"/> Creative Foods<br><input type="checkbox"/> Culinary Arts<br><input type="checkbox"/> Entrepreneurship<br><input type="checkbox"/> Foods I, II, III<br><input type="checkbox"/> Marketing |  |
| Pathways Postsecondary Options       |  | <input type="checkbox"/> Restaurants and Food/Beverage Services<br><input type="checkbox"/> Lodging<br><input type="checkbox"/> Travel & Tourism<br><input type="checkbox"/> Recreation, Amusement & Attractions |  | <input type="checkbox"/> Bachelor's Degree<br><input type="checkbox"/> Associate Degree<br><input type="checkbox"/> Advanced Degree<br><input type="checkbox"/> Military   |  |  |  |   |  |
| Additional Requirements or Electives |  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications                          |  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  |  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications                                    |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   |  |
| <b>Extended Learning</b>             |  | <input type="checkbox"/> FFA<br><input type="checkbox"/> FBLA<br><input type="checkbox"/> DECA   |  | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships  |  | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research   |  | <input type="checkbox"/> Senior Year Project<br><input type="checkbox"/> Language/Culture Club<br><input type="checkbox"/> Cooperative Education  |  |
| Community Based                      |  | <input type="checkbox"/> Junior Achievement  |  | <input type="checkbox"/> Mentorship  |  | <input type="checkbox"/> Part-time Employment<br><input type="checkbox"/> Volunteering   |  |   |  |

Draft Copy – Wyoming Department of Education





Human Services - Program of Study

Name \_\_\_\_\_

Date \_\_\_\_\_

The Human Services Career Cluster has five pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.

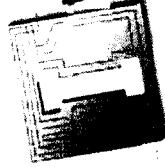
| Coursework                                  |   | Advanced Coursework for Postsecondary credit  |  |   |  |
|---|---|---|--|---|--|
| Subject                                     | 7th-8th Grade   | 9th-10th Grade  |  | 11-12th Grade   |  |
| <b>English</b>                              | <input type="checkbox"/> English  | <input type="checkbox"/> English I<br><input type="checkbox"/> English II   |  | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV   |  |
| <b>Math</b>                                 | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I                   | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II            |  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus  |  |
| <b>Science</b>                              | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I  |  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology   |  |
| <b>Social Studies</b>                       | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History |  | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology                          |  |
| <b>Career Education Courses</b>             | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration                      |   |  | <input type="checkbox"/> Introduction to Human Resources & Services<br><input type="checkbox"/> Human Development<br><input type="checkbox"/> Parenting<br><input type="checkbox"/> Personal Finance<br><input type="checkbox"/> Consumer Education |  |
| <b>Additional Requirements or Electives</b> |   |   |  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   |  |
| <b>Extended Learning</b>                    |   |   |  | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   |  |
| <b>School Based</b>                         | <input type="checkbox"/> FCCLA<br><input type="checkbox"/> Cooperative Education<br><input type="checkbox"/> Service Learning | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships       |  | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research  |  |
| <b>Community Based</b>                      | <input type="checkbox"/> Boy/Girl Scouts  | <input type="checkbox"/> Mentorship   |  | <input type="checkbox"/> Part-time Employment<br><input type="checkbox"/> Volunteering  |  |
|   |   |   |  | <input type="checkbox"/> Senior Year Project<br><input type="checkbox"/> Peer Mediation   |  |

*Draft Copy – Wyoming Department of Education*

# W Y O M I N G H A T H A W A Y

SCHOLARSHIP PROGRAM

*Make College A Reality*

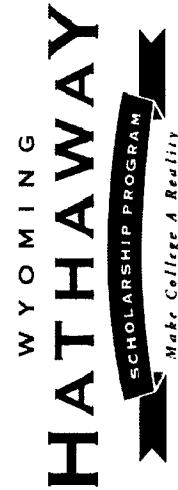


## Information Technology - Program of Study

| Name _____  | Date _____                  |
|---|-----------------------------|
| <input type="checkbox"/> Network Systems                    | On-the-job Training         |
| <input type="checkbox"/> Information Support & Services     | Certificate                 |
| <input type="checkbox"/> Interactive Media                  | Bachelors Degree            |
| <input type="checkbox"/> Programming & Software Development | Advanced Degree<br>Military |

| Coursework                           |   | Subject | 7th-8th Grade   | 9th-10th Grade   | 11-12th Grade  | Advanced Coursework for Postsecondary credit   |
|--------------------------------------|---|---------|---|--|--|--|
| English                              | <input type="checkbox"/> English  |         | <input type="checkbox"/> English I<br><input type="checkbox"/> English II   | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Math                                 | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I   |         | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus  | <input type="checkbox"/> Calculus  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Science                              | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  |         | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Social Studies                       | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   |         | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History   | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology   |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Career Education Courses             | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Input Technologies/Keyboarding<br><input type="checkbox"/> Other Career Exploration                     |         | <input type="checkbox"/> Advanced Computer Applications<br><input type="checkbox"/> Cisco I, II, III, IV<br><input type="checkbox"/> Computer Applications<br><input type="checkbox"/> Computer Graphics<br><input type="checkbox"/> Computer Programming<br><input type="checkbox"/> Desktop | <input type="checkbox"/> Electronics I, II, III<br><input type="checkbox"/> Interactive Media and Web Design<br><input type="checkbox"/> Intro to Information Technology<br><input type="checkbox"/> Multimedia Introduction<br><input type="checkbox"/> Network Systems |  | <input type="checkbox"/> Animation<br><input type="checkbox"/> Business Technology<br><input type="checkbox"/> Adv/Business Tech<br><input type="checkbox"/> Commercial Art I, II<br><input type="checkbox"/> Computer Repair<br><input type="checkbox"/> Graphic Design |
| Additional Requirements or Electives | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications |         | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  |  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>Extended Learning</b>             |   |         |   |  |  |  |
| School Based                         | <input type="checkbox"/> FBLA<br><input type="checkbox"/> Cooperative Education<br><input type="checkbox"/> Service Learning  |         | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships   | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research   | <input type="checkbox"/> Develop Web Pages<br><input type="checkbox"/> Yearbook Staff<br><input type="checkbox"/> Participate with School<br><input type="checkbox"/> Multimedia/Video Projects<br><input type="checkbox"/> Volunteering |  |
| Community Based                      | <input type="checkbox"/> Website Development/<br>Maintenance for Community Organizations  |         | <input type="checkbox"/> Mentorship   | <input type="checkbox"/> Part-time Employment  |  |  |

Draft Copy – Wyoming Department of Education





## WYOMING Public Safety & Security - Program of Study

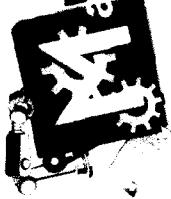
|            |
|------------|
| Name _____ |
| Date _____ |

The Law, Public Safety and Security Career Cluster has five pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.

|                                      |  | Subject | 7th-8th Grade   | 9th-10th Grade  | 11-12th Grade  | Advanced Coursework for Postsecondary credit   |
|--------------------------------------|--|---------|---|---|--|--|
| English                              | <input type="checkbox"/> English   |         | <input type="checkbox"/> English I<br><input type="checkbox"/> English II   | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV   | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  |
| Math                                 | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I  |         | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus   | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  |
| Science                              | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology   |         | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology   | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  |
| Social Studies                       | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography  |         | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History   | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology     | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  |
| Career Education Courses             | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration   |         | <input type="checkbox"/> Introduction to Human Resources & Services<br><input type="checkbox"/> Cultural/Ethnic Studies<br><input type="checkbox"/> Computer Science<br><input type="checkbox"/> Human Development<br><input type="checkbox"/> Humanities<br><input type="checkbox"/> Parenting | <input type="checkbox"/> Introduction to Human Resources & Services<br><input type="checkbox"/> Cultural/Ethnic Studies<br><input type="checkbox"/> Computer Science<br><input type="checkbox"/> Human Development<br><input type="checkbox"/> Humanities<br><input type="checkbox"/> Parenting | <input type="checkbox"/> Business Law<br><input type="checkbox"/> Introduction to Criminal Justice<br><input type="checkbox"/> Organized Crime<br><input type="checkbox"/> Victimology   | <input type="checkbox"/> Business Law<br><input type="checkbox"/> Introduction to Criminal Justice<br><input type="checkbox"/> Organized Crime<br><input type="checkbox"/> Victimology |
| Additional Requirements or Electives | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications          |         | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other  |
| Community Based                      | <input type="checkbox"/> FCLC<br><input type="checkbox"/> Debate Team<br><input type="checkbox"/> Athletics<br><input type="checkbox"/> Student Council<br><input type="checkbox"/> Volunteering |         | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships<br><input type="checkbox"/> Youth Leadership<br><input type="checkbox"/> Mentoring  | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships<br><input type="checkbox"/> Youth Leadership<br><input type="checkbox"/> Mentoring  | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research<br><input type="checkbox"/> Driver Education<br><input type="checkbox"/> Part-time Employment | <input type="checkbox"/> Explorer Posts<br><input type="checkbox"/> Jr. ROTC<br><input type="checkbox"/> Mock Trial<br><input type="checkbox"/> Boys & Girls State                     |

Draft Copy – Wyoming Department of Education





## Manufacturing - Program of Study

| Name _____  | Date _____  |          |                       |                                     |   |  |   |
|---|---|----------|-----------------------|-------------------------------------|---|--|---|
| <p>The Manufacturing Career Cluster has six pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.</p> <table border="1" style="margin-top: 10px;"> <tr> <th>Pathways</th> <th>Postsecondary Options</th> </tr> <tr> <td><input type="checkbox"/> Production</td> <td><input type="checkbox"/> Manufacturing Production Process Development<br/><input type="checkbox"/> Maintenance, Installation &amp; Repair<br/><input type="checkbox"/> Quality Assurance<br/><input type="checkbox"/> Logistics &amp; Inventory Control<br/><input type="checkbox"/> Health, Safety &amp; Environmental Assurance</td> </tr> <tr> <td><input type="checkbox"/> On-the-job Training Certificate</td> <td><input type="checkbox"/> Associate Degree<br/><input type="checkbox"/> Bachelors Degree<br/><input type="checkbox"/> Advanced Degree<br/><input type="checkbox"/> Military</td> </tr> </table> |   | Pathways | Postsecondary Options | <input type="checkbox"/> Production | <input type="checkbox"/> Manufacturing Production Process Development<br><input type="checkbox"/> Maintenance, Installation & Repair<br><input type="checkbox"/> Quality Assurance<br><input type="checkbox"/> Logistics & Inventory Control<br><input type="checkbox"/> Health, Safety & Environmental Assurance | <input type="checkbox"/> On-the-job Training Certificate | <input type="checkbox"/> Associate Degree<br><input type="checkbox"/> Bachelors Degree<br><input type="checkbox"/> Advanced Degree<br><input type="checkbox"/> Military |
| Pathways  | Postsecondary Options   |          |                       |                                     |   |  |   |
| <input type="checkbox"/> Production   | <input type="checkbox"/> Manufacturing Production Process Development<br><input type="checkbox"/> Maintenance, Installation & Repair<br><input type="checkbox"/> Quality Assurance<br><input type="checkbox"/> Logistics & Inventory Control<br><input type="checkbox"/> Health, Safety & Environmental Assurance |          |                       |                                     |   |  |   |
| <input type="checkbox"/> On-the-job Training Certificate  | <input type="checkbox"/> Associate Degree<br><input type="checkbox"/> Bachelors Degree<br><input type="checkbox"/> Advanced Degree<br><input type="checkbox"/> Military   |          |                       |                                     |   |  |   |

| Coursework               |                                     | Subject   | 7th-8th Grade   | 9th-10th Grade  | 11-12th Grade   | Advanced coursework for Postsecondary credit  |
|--------------------------|-------------------------------------|---|---|---|---|---|
| <b>English</b>           | <input type="checkbox"/> English    | <input type="checkbox"/> English I<br><input type="checkbox"/> English II | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV   | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV   | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV   | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other   |
|                          | <b>Math</b>                         | <input type="checkbox"/> Math   | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus  | <input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry<br><input type="checkbox"/> Other   |
|                          |                                     | <b>Science</b>  | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology   | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology   |
| <b>Social Studies</b>    |                                     |   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History   | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology                | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology                |
|                          | <b>Career Education Courses</b>     |   | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration  | <input type="checkbox"/> Introduction to Industrial Manufacturing & Engineering<br><input type="checkbox"/> AutoCAD<br><input type="checkbox"/> Cabinetmaking<br><input type="checkbox"/> Computer Applications & Programming<br><input type="checkbox"/> Electronics<br><input type="checkbox"/> Welding | <input type="checkbox"/> Industrial Technology<br><input type="checkbox"/> Manufacturing/ Precision Machining<br><input type="checkbox"/> Mechatronics<br><input type="checkbox"/> Technical Drafting<br><input type="checkbox"/> Welding | <input type="checkbox"/> Industrial Technology<br><input type="checkbox"/> Manufacturing/ Precision Machining<br><input type="checkbox"/> Mechatronics<br><input type="checkbox"/> Technical Drafting<br><input type="checkbox"/> Welding |
|                          |                                     | <b>Additional Requirements or Electives</b>                               | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   |
| <b>Extended Learning</b> |                                     |   | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> DECA<br><input type="checkbox"/> OPPD/NPPD PowerDrive   | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> DECA<br><input type="checkbox"/> Internships  | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> DECA<br><input type="checkbox"/> Internships  | <input type="checkbox"/> Senior Year Project<br><input type="checkbox"/> Science/Math Club<br><input type="checkbox"/> Cooperative Education  |
| <b>Community Based</b>   | <input type="checkbox"/> Mentorship |   | <input type="checkbox"/> Part-time Employment   |   |   |   |

Draft Copy – Wyoming Department of Education

W Y O M I N G  
H A T H A W A Y  
S C H O L A R S H I P P R O G R A M  
Make College A Reality



## Marketing, Sales & Service - Program of Study

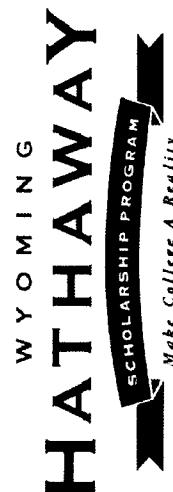
|            |
|------------|
| Name _____ |
| Date _____ |

The Marketing, Sales & Service Career Cluster has seven pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.

| Pathways   | Postsecondary Options |
|--|-----------------------|
| <input type="checkbox"/> Management & Entrepreneurship               |                       |
| <input type="checkbox"/> Professional Sales & Marketing              | On-the-job Training   |
| <input type="checkbox"/> Buying & Merchandising                      | Certificate           |
| <input type="checkbox"/> Marketing Communications & Promotion        | Associate Degree      |
| <input type="checkbox"/> Marketing Information Management & Research | Bachelors Degree      |
| <input type="checkbox"/> Distribution and Logistics                  | Advanced Degree       |
| <input type="checkbox"/> F-Marketing                                 | Military              |

| Coursework                           |   | 7th-8th Grade   | 9th-10th Grade  | 11-12th Grade  | Advanced Coursework for Postsecondary credit   |
|--------------------------------------|---|---|---|--|--|
| English                              | <input type="checkbox"/> English  | <input type="checkbox"/> English I<br><input type="checkbox"/> English II   | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV   | <input type="checkbox"/> English Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Math                                 | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I   | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Science                              | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology   | <input type="checkbox"/> Chemistry Transfer<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Social Studies                       | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History   | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Career Education Courses             | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration  | <input type="checkbox"/> Introduction to Business, Marketing and Management<br><input type="checkbox"/> Accounting<br><input type="checkbox"/> Advanced Computer Applications<br><input type="checkbox"/> Cooperative Marketing Internship<br><input type="checkbox"/> Entrepreneurship | <input type="checkbox"/> Management<br><input type="checkbox"/> Fashion Marketing<br><input type="checkbox"/> International Business<br><input type="checkbox"/> Marketing I, II<br><input type="checkbox"/> Sports & Entertainment Marketing | <input type="checkbox"/> Accounting I, II<br><input type="checkbox"/> Commercial Art I, II<br><input type="checkbox"/> Computer Applications I, II<br><input type="checkbox"/> Economics<br><input type="checkbox"/> International Marketing<br><input type="checkbox"/> Graphic Design<br><input type="checkbox"/> Web Page Development | <input type="checkbox"/> Accounting I, II<br><input type="checkbox"/> Commercial Art I, II<br><input type="checkbox"/> Computer Applications I, II<br><input type="checkbox"/> Economics<br><input type="checkbox"/> International Marketing<br><input type="checkbox"/> Graphic Design<br><input type="checkbox"/> Web Page Development |
| Additional Requirements or Electives | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Extended Learning                    |   |   |   |  |  |
| School Based                         | <input type="checkbox"/> FBLA<br><input type="checkbox"/> DECA<br><input type="checkbox"/> School Paper/Yearbook  | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships   | <input type="checkbox"/> Mentorship<br><input type="checkbox"/> Junior Achievement  | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research   | <input type="checkbox"/> Student Government<br><input type="checkbox"/> Concessions Management<br><input type="checkbox"/> Class Fund Raisers  |
| Community Based                      | <input type="checkbox"/> Develop Community Website<br><input type="checkbox"/> Start a Business   |   |   | <input type="checkbox"/> Part-time Employment<br><input type="checkbox"/> Visit the Chamber of Commerce  | <input type="checkbox"/> Volunteering  |

Draft Copy – Wyoming Department of Education



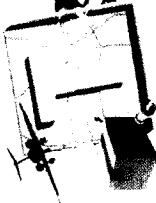


| Name  |   |  |  |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
|---|---|--|--|--|--|---|--|--------------------------|------------------|---------|---|----------------------|----------|---------|--|--|--|--|--|---|---|--|--|--|--|---|
| Date  |   |  |  |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
| The Science, Technology, Engineering and Mathematics Career Cluster has two pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway.   |   |  |  |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
| <table border="1"> <tr> <td><input type="checkbox"/> Engineering &amp; Technology</td> <td><input type="checkbox"/> On-the-job Training</td> </tr> <tr> <td></td> <td>Certificate</td> </tr> <tr> <td colspan="2"> <table border="1"> <tr> <td>Associate Degree</td> <td>Other Career Exploration</td> </tr> <tr> <td>Bachelors Degree</td> <td>AutoCAD</td> </tr> <tr> <td>Advanced Degree</td> <td>Project Lead the Way</td> </tr> <tr> <td>Military</td> <td>Courses</td> </tr> </table> </td></tr> <tr> <td colspan="4"> <table border="1"> <tr> <td><input type="checkbox"/> Science &amp; Mathematics</td> <td><input type="checkbox"/> Additional Requirements or Electives</td> <td><input type="checkbox"/> Technical Drafting</td> <td><input type="checkbox"/> Drafting Communications I, II</td> </tr> <tr> <td></td> <td></td> <td></td> <td><input type="checkbox"/> Engineering Drafting I, II</td> </tr> </table> </td></tr> </table> | <input type="checkbox"/> Engineering & Technology             | <input type="checkbox"/> On-the-job Training |  | Certificate                                    | <table border="1"> <tr> <td>Associate Degree</td> <td>Other Career Exploration</td> </tr> <tr> <td>Bachelors Degree</td> <td>AutoCAD</td> </tr> <tr> <td>Advanced Degree</td> <td>Project Lead the Way</td> </tr> <tr> <td>Military</td> <td>Courses</td> </tr> </table> |   | Associate Degree                                       | Other Career Exploration | Bachelors Degree | AutoCAD | Advanced Degree                                     | Project Lead the Way | Military | Courses | <table border="1"> <tr> <td><input type="checkbox"/> Science &amp; Mathematics</td> <td><input type="checkbox"/> Additional Requirements or Electives</td> <td><input type="checkbox"/> Technical Drafting</td> <td><input type="checkbox"/> Drafting Communications I, II</td> </tr> <tr> <td></td> <td></td> <td></td> <td><input type="checkbox"/> Engineering Drafting I, II</td> </tr> </table> |  |  |  | <input type="checkbox"/> Science & Mathematics | <input type="checkbox"/> Additional Requirements or Electives | <input type="checkbox"/> Technical Drafting | <input type="checkbox"/> Drafting Communications I, II |  |  |  | <input type="checkbox"/> Engineering Drafting I, II |
| <input type="checkbox"/> Engineering & Technology   | <input type="checkbox"/> On-the-job Training                  |  |  |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
|   | Certificate   |  |  |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
| <table border="1"> <tr> <td>Associate Degree</td> <td>Other Career Exploration</td> </tr> <tr> <td>Bachelors Degree</td> <td>AutoCAD</td> </tr> <tr> <td>Advanced Degree</td> <td>Project Lead the Way</td> </tr> <tr> <td>Military</td> <td>Courses</td> </tr> </table>  |   | Associate Degree                             | Other Career Exploration                               | Bachelors Degree                               | AutoCAD  | Advanced Degree                             | Project Lead the Way                                   | Military                 | Courses          |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
| Associate Degree  | Other Career Exploration                                      |  |  |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
| Bachelors Degree  | AutoCAD   |  |  |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
| Advanced Degree   | Project Lead the Way  |  |  |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
| Military  | Courses   |  |  |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
| <table border="1"> <tr> <td><input type="checkbox"/> Science &amp; Mathematics</td> <td><input type="checkbox"/> Additional Requirements or Electives</td> <td><input type="checkbox"/> Technical Drafting</td> <td><input type="checkbox"/> Drafting Communications I, II</td> </tr> <tr> <td></td> <td></td> <td></td> <td><input type="checkbox"/> Engineering Drafting I, II</td> </tr> </table>  |   |  |  | <input type="checkbox"/> Science & Mathematics | <input type="checkbox"/> Additional Requirements or Electives  | <input type="checkbox"/> Technical Drafting | <input type="checkbox"/> Drafting Communications I, II |                          |                  |         | <input type="checkbox"/> Engineering Drafting I, II |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
| <input type="checkbox"/> Science & Mathematics  | <input type="checkbox"/> Additional Requirements or Electives | <input type="checkbox"/> Technical Drafting  | <input type="checkbox"/> Drafting Communications I, II |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |
|   |   |  | <input type="checkbox"/> Engineering Drafting I, II    |  |  |   |  |                          |                  |         |   |                      |          |         |  |  |  |  |  |   |   |  |  |  |  |   |

  |  |  |

| Coursework  |   | 7th-8th Grade  | 9th-10th Grade   | 11-12th Grade  | Advanced Coursework for Postsecondary credit  |   |   |  |  |   |   |   |   |
|---|---|--|--|--|---|---|---|--|--|---|---|---|---|
| English   | <input type="checkbox"/> English  | <input type="checkbox"/> English I<br><input type="checkbox"/> English II  | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry |   |   |  |  |   |   |   |   |
| Math  | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II           | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry |   |   |  |  |   |   |   |   |
| Science   | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology                                  | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I   | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology                                    | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry |   |   |  |  |   |   |   |   |
| Postsecondary Options   |   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography  | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> World History                                  | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry |   |   |  |  |   |   |   |   |
| <table border="1"> <tr> <td><input type="checkbox"/> Career Education Courses</td> <td><input type="checkbox"/> Career Cluster Exploration</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Other Career Exploration</td> </tr> </table>  |   | <input type="checkbox"/> Career Education Courses  | <input type="checkbox"/> Career Cluster Exploration  |  | <input type="checkbox"/> Other Career Exploration   | <input type="checkbox"/> Introduction to Industrial Manufacturing & Engineering<br><input type="checkbox"/> AutoCAD<br><input type="checkbox"/> Project Lead the Way<br><input type="checkbox"/> Courses<br><input type="checkbox"/> Technical Drafting | <input type="checkbox"/> Introduction to Industrial Manufacturing & Engineering<br><input type="checkbox"/> AutoCAD<br><input type="checkbox"/> Project Lead the Way<br><input type="checkbox"/> Courses<br><input type="checkbox"/> Technical Drafting | <input type="checkbox"/> Drafting Communications I, II<br><input type="checkbox"/> Engineering Drafting I, II  | <input type="checkbox"/> Drafting Communications I, II<br><input type="checkbox"/> Engineering Drafting I, II      |   |   |   |   |
| <input type="checkbox"/> Career Education Courses   | <input type="checkbox"/> Career Cluster Exploration   |  |  |  |   |   |   |  |  |   |   |   |   |
|   | <input type="checkbox"/> Other Career Exploration   |  |  |  |   |   |   |  |  |   |   |   |   |
| <table border="1"> <tr> <td><input type="checkbox"/> Art &amp; Music/Theatre</td> <td><input type="checkbox"/> Art/Music/Theatre</td> </tr> <tr> <td><input type="checkbox"/> PE/Health/Wellness</td> <td><input type="checkbox"/> PE/Health/Wellness</td> </tr> <tr> <td><input type="checkbox"/> World Languages</td> <td><input type="checkbox"/> World Languages</td> </tr> <tr> <td><input type="checkbox"/> Speech/Communications</td> <td><input type="checkbox"/> Speech/Communications</td> </tr> </table> |   | <input type="checkbox"/> Art & Music/Theatre   | <input type="checkbox"/> Art/Music/Theatre   | <input type="checkbox"/> PE/Health/Wellness  | <input type="checkbox"/> PE/Health/Wellness   | <input type="checkbox"/> World Languages  | <input type="checkbox"/> World Languages  | <input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry |
| <input type="checkbox"/> Art & Music/Theatre  | <input type="checkbox"/> Art/Music/Theatre  |  |  |  |   |   |   |  |  |   |   |   |   |
| <input type="checkbox"/> PE/Health/Wellness   | <input type="checkbox"/> PE/Health/Wellness   |  |  |  |   |   |   |  |  |   |   |   |   |
| <input type="checkbox"/> World Languages  | <input type="checkbox"/> World Languages  |  |  |  |   |   |   |  |  |   |   |   |   |
| <input type="checkbox"/> Speech/Communications  | <input type="checkbox"/> Speech/Communications  |  |  |  |   |   |   |  |  |   |   |   |   |
| Extended Learning   |   | <input type="checkbox"/> FFA/DECA<br><input type="checkbox"/> OPP/NPPD PowerDrive<br><input type="checkbox"/> MATHCOUNTS | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships  | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research   | <input type="checkbox"/> Math/Science Club<br><input type="checkbox"/> Junior Engineering Technical Society (JETS)                |   |   |  |  |   |   |   |   |
| <table border="1"> <tr> <td><input type="checkbox"/> Mathematics Engineering</td> <td><input type="checkbox"/> Tests of Engineering Aptitude, Mathematics &amp; Science (TEAMS)</td> </tr> <tr> <td>Community Based</td> <td>Science Achievement (MESA)</td> </tr> </table>   |   | <input type="checkbox"/> Mathematics Engineering   | <input type="checkbox"/> Tests of Engineering Aptitude, Mathematics & Science (TEAMS)  | Community Based  | Science Achievement (MESA)  | <input type="checkbox"/> Mathematics Engineering<br>Science Achievement (MESA)  | <input type="checkbox"/> Tests of Engineering Aptitude, Mathematics & Science (TEAMS)   | <input type="checkbox"/> Part-time Employment<br><input type="checkbox"/> Mentorship<br><input type="checkbox"/> Volunteering<br><input type="checkbox"/> E-Week | <input type="checkbox"/> Math/Science Club<br><input type="checkbox"/> Junior Engineering Technical Society (JETS) |   |   |   |   |
| <input type="checkbox"/> Mathematics Engineering  | <input type="checkbox"/> Tests of Engineering Aptitude, Mathematics & Science (TEAMS)                       |  |  |  |   |   |   |  |  |   |   |   |   |
| Community Based   | Science Achievement (MESA)  |  |  |  |   |   |   |  |  |   |   |   |   |

Draft Copy – Wyoming Department of Education



# Transportation, Distribution & Logistics - Program of Study

| Name _____  | Date _____ |
|---|------------|
| The Transportation, Distribution & Logistics Career Cluster has seven pathways that allow students to further explore and discover their favorite career specialties. Students can choose from several levels of education and training to pursue a career in their chosen pathway. |            |
| <b>Pathways Postsecondary Options</b>   |            |
| <input type="checkbox"/> Transportation Operations  |            |
| <input type="checkbox"/> Logistics Planning and Management Services   |            |
| <input type="checkbox"/> Warehousing and Distribution Center Operations   |            |
| <input type="checkbox"/> Facility and Mobile Equipment Maintenance  |            |
| <input type="checkbox"/> Transportation Systems/Infrastructure Planning, Management, and Regulation   |            |
| <input type="checkbox"/> Health, Safety and Environmental Management  |            |
| <input type="checkbox"/> Sales and Service  |            |

| Coursework                           |   | Subject | 7th-8th Grade   | 9th-10th Grade  | 11-12th Grade  | Advanced Coursework for Postsecondary credit   |
|--------------------------------------|---|---------|---|---|--|--|
| English                              | <input type="checkbox"/> English  |         | <input type="checkbox"/> English I<br><input type="checkbox"/> English II   | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV   | <input type="checkbox"/> English III<br><input type="checkbox"/> English IV  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Math                                 | <input type="checkbox"/> Math<br><input type="checkbox"/> Pre Algebra<br><input type="checkbox"/> Algebra I   |         | <input type="checkbox"/> Geometry<br><input type="checkbox"/> Algebra I<br><input type="checkbox"/> Algebra II  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus  | <input type="checkbox"/> Algebra II<br><input type="checkbox"/> Trigonometry<br><input type="checkbox"/> Pre-Calculus<br><input type="checkbox"/> Calculus   | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Science                              | <input type="checkbox"/> Earth Science<br><input type="checkbox"/> Biology  |         | <input type="checkbox"/> Biology I<br><input type="checkbox"/> Chemistry I  | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology   | <input type="checkbox"/> Chemistry I<br><input type="checkbox"/> Physics<br><input type="checkbox"/> Anatomy/Physiology  | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Social Studies                       | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography   |         | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> State History<br><input type="checkbox"/> World History   | <input type="checkbox"/> American History<br><input type="checkbox"/> Geography<br><input type="checkbox"/> State History<br><input type="checkbox"/> World History   | <input type="checkbox"/> American History<br><input type="checkbox"/> Economics<br><input type="checkbox"/> Government/Civics<br><input type="checkbox"/> Modern Problems<br><input type="checkbox"/> Psychology/Sociology | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| Career Education                     | <input type="checkbox"/> Career Cluster Exploration<br><input type="checkbox"/> Other Career Exploration  |         | <input type="checkbox"/> Introduction to Industrial Manufacturing & Engineering<br><input type="checkbox"/> Air-Cooled Engines & Power Equipment<br><input type="checkbox"/> Automotive Mechanics<br><input type="checkbox"/> Automotive Services<br><input type="checkbox"/> Industrial Technology | <input type="checkbox"/> Introduction to Industrial Manufacturing & Engineering<br><input type="checkbox"/> Air-Cooled Engines & Power Equipment<br><input type="checkbox"/> Automotive Mechanics<br><input type="checkbox"/> Automotive Services<br><input type="checkbox"/> Industrial Technology | <input type="checkbox"/> Welding   | <input type="checkbox"/> Consumer Auto<br><input type="checkbox"/> Engine Lab<br><input type="checkbox"/> Forklift Training<br><input type="checkbox"/> Logistics<br><input type="checkbox"/> Transportation |
| Additional Requirements or Electives | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications |         | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications   | <input type="checkbox"/> Art/Music/Theatre<br><input type="checkbox"/> PE/Health/Wellness<br><input type="checkbox"/> World Languages<br><input type="checkbox"/> Speech/Communications                                    | <input type="checkbox"/> Academic Transfer<br><input type="checkbox"/> Advanced Placement<br><input type="checkbox"/> Early Entry  |
| <b>Extended Learning</b>             |   |         |   |   |  |  |
| School Based                         | <input type="checkbox"/> FFA/DECA<br><input type="checkbox"/> OPPD/NPPD PowerDrive<br><input type="checkbox"/> Academy of Excellence  |         | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships   | <input type="checkbox"/> Skills USA<br><input type="checkbox"/> Career Days<br><input type="checkbox"/> Internships   | <input type="checkbox"/> Career Interviews<br><input type="checkbox"/> Job Shadowing<br><input type="checkbox"/> Career Research   | <input type="checkbox"/> Math/Science Club<br><input type="checkbox"/> Discover Engineering<br><input type="checkbox"/> Junior Engineering<br><input type="checkbox"/> Technical Society (ETS)               |
| Community Based                      | <input type="checkbox"/> Mentorship   |         | <input type="checkbox"/> Part-time Employment   |   |  |  |



Draft Copy – Wyoming Department of Education